

WHAT IS CLAIMED IS:

1. A circuit board connector (10), comprising:
a housing (11) with a receptacle (14) for receiving a mating connector, the receptacle (14) having a wall (12) formed with at least one through hole (30) for providing communication between areas inside and outside of the receptacle (14), at least one terminal fitting (20) being introduced through the through hole (30) along an insertion direction (ID) from the outside of the housing (11), and the wall (12) of the receptacle (14) being formed with at least one recess (31) by widening at least part of inner peripheral surfaces of the through hole (30).
2. The circuit board connector of claim 1, wherein the terminal fitting (20) has a connection leg (21) projecting from the housing (11), at least one bulge (23) bulging out in a widthwise direction from the connection leg (21) and being insertable into a circuit board.
3. The circuit board connector of claim 1, wherein the terminal fitting (20) comprises at least one pressing portion (22A) for engaging and biting into portions of the housing (11) defining the through hole (30).
4. The circuit board connector of claim 3, wherein the pressing portion (22A) has a front part that is slanted relative to the inserting direction (ID).
5. The circuit board connector of claim 1, wherein the through hole (30) is located substantially in the center of the corresponding recess (31).

6. The circuit board connector of claim 1, wherein the terminal fitting (20) comprises a stoppers (22B) for engaging a corresponding stopper receiving portions (33) of the housing (11) to stop insertion of the terminal fitting (20) into the through hole (30).

7. The circuit board connector of claim 1, wherein a front portion of the terminal fitting (20) as seen in the inserting direction (ID) has outer dimensions smaller the corresponding inner dimensions of the through hole (30).

8. The circuit board connector of claim 7, wherein plating is applied to the front portion.

9. The circuit board connector of claim 1, the terminal fitting (20) has a projecting leg (21) projecting back from the housing (11), the projecting leg (21) being bent substantially normal to the inserting direction (ID).

10. A method of assembling a circuit board connector (10), comprising:

providing a housing (11) with opposite front and rear ends and a receptacle (14) extending into the front end for receiving a mating connector, a wall (12) at the rear end of the receptacle (14) being formed with at least one through hole (30) for providing communication between the rear end of the housing (11) and the receptacle (14), the wall (12) of the receptacle (14) being formed with at least one recess (31) widening an inner peripheral surface of the through hole (30);

mounting at least one terminal fitting (20) in a rear to front direction through the through holes (30) from the outside of the connector housing (11) such that the terminal fitting (20) abrades the housing (11); and

accumulating in the recess (31) debris of the housing (11) caused by the insertion of the terminal fitting (20).

11. The method of claim 10, wherein the terminal fitting (20) has a connection leg (21) rearward of the housing (10), at least one bulge (23) bulging out in widthwise direction on a connection leg (21), the method further comprising inserting the bulge (23) into a circuit board.

12. The method of claim 10, wherein the terminal fitting (20) comprises at least one pressing portion (22A) dimensioned for biting into portions of the housing (11) defining the through hole (30), the method comprising urging the pressing portion (22A) into the through hole (30).

13. The method of claim 12, wherein a front part of the pressing portion (22A) as seen in an inserting direction (ID) is slanted, the method comprising urging the slanted front portion into the rear end of the housing (10) for guiding the terminal fitting (20) into the through hole (30) .

14. The method of claim 10, wherein the terminal fitting (20) comprises at least one stopper (22B), the method comprising urging the stopper (22B) into engagement with a corresponding stopper receiving portions (33) of the housing (11) for stopping insertion of the terminal fitting (20) into the through hole (30).